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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

Complete if Known

Application Number	09/805,824
Filing Date	March 13, 2001
First Named Inventor	Jason Wee Peng Ng, et al.
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	020568-0007000US

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]Examiner
SignatureDate
Considered

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Sheet	2	of	2
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Application Number	09/805,824
Filing Date	March 13, 2001
First Named Inventor	Jason Wee Peng Ng, et al.
Group Art Unit	Unassigned
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Attorney Docket Number	020568-000700US

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

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Sheet 1 of 3

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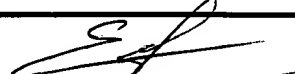
Application Number	09/805,824
Filing Date	March 13, 2001
First Named Inventor	Jason Wee Peng Ng et al.
Group Art Unit	2681
Examiner Name	Unassigned
Attorney Docket Number	020568-000700US

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Apparent
		Number	Kind Code ² (if known)			
2/1	AA	3,209,282		P. Schnitzler	9/28/65	
1/1	AB	3,239,832		A. Renard	3/8/66	
1/1	AC	3,246,256		H. Sommers, Jr.	4/12/66	
1/1	AD	3,303,350		G. Neff, et al.	2/7/67	
1/1	AE	3,387,298		J. Krzy	6/4/68	
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1/1	AG	3,571,753		T. Saunders	3/23/71	
1/1	AH	3,761,621		Vollmeyer et al.	9/25/73	
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1/1	AM	4,862,160		Ekchian et al.	8/29/89	
1/1	AN	5,532,641		Balasubramanian et al.	7/2/96	
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1/1	AP	5,832,035		Fullerton	11/3/98	
1/1	AQ	5,892,701		Huang et al.	4/6/99	
1/1	AR	6,023,672		Ozawa	2/8/00	
1/1	AS	6,087,904		Wen	7/11/00	
1/1	AT	6,259,390		Joe	7/10/01	
1/1	AU	6,292,067		Sasabata et al.	9/18/01	
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FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	7/30/04
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 3

Complete if Known

Application Number	09/805,824
Filing Date	March 13, 2001
First Named Inventor	Jason Wee Peng Ng et al.
Group Art Unit	2681
Examiner Name	Unassigned
Attorney Docket Number	020568-000700US

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
25B	BK	Abell, E., "Gated Oscillator Emulates a Flip-Flop", EDN Access, pps. 1-2, March 16, 1995.
//	BL	L. GORAS et al., "On Linear Inductance- and Capacitance-Time Conversions Using NIC-Type Configuration," IEEE Transactions on Industrial Electronics, vol. 40, no. 5 pp. 529-531 (October 1993).
//	BM	V.H. JAKUBASCHK, "das Große Elektronikbastelbuch," Deutscher Militärverlag, Leipzig, pp. 206-209 (1968).
//	BN	James P. Keener, Analog Circuitry for the van der Pol and FitzHugh - Nagumo Equations, IEEE 1983, pps. 1011-1015.
//	BO	U. TIETZE et al., "Halbleiter-Schaltungstechnik, Fünfte, überarbeitete Auflage," Springer-Verlag, Berlin Heidelberg, New York, pp. 255-258 (1980).
//	BP	PATARASEN, S. et al., Maximum-Likelihood Symbol Synchronization and Detection of OPPM Sequences, IEEE Transactions on Communications, New York, US, June 94, pps. 9, vol. 42, no. 6.
//	BQ	Sen et al., Integration of GaAs/A1As Resonant Tunneling Diodes for Digital and Analog Applications with Reduced Circuit Complexity, October 13-16, 1987.
//	BR	D. WANG et al., "Image Segmentation Based on Oscillatory Correlation," Neural Computation, vol. 9, pp. 805-836 (1997).
//	BS	Gang Li et al., "Performance of a Ratio-Threshold Diversity Combining Scheme in FFH/FSK Spread Spectrum Systems in Partial Band Noise Interference," Department of Electrical and Computer Engineering, and Communication Research Centre, IEEE 1992, pps. 0672-0676.
//	BT	Gang Li et al., "Maximum-Likelihood Diversity Combining in Partial-Band Noise Interference Channel," Department of Electrical and Computer Engineering, and Communication Research Centre, IEEE 1993, pps. 507-511.

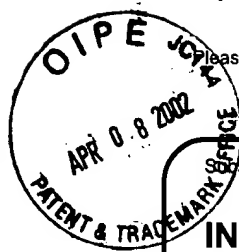
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	09/805,824
		Filing Date	March 13, 2001
		First Named Inventor	Jason Wee Peng Ng et al.
		Group Art Unit	2681
		Examiner Name	Unassigned
Sheet 2 of 3	Attorney Docket Number	020568-000700US	

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ³	Number ⁴	Kind Code ⁵ (if known)			
EP	BD	DE	19809334 A1		IMI Norgren...	9/9/99	
/	BE	DD	94 855			1/5/73	
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/	BG	JP	11074766		Sony Corp	3/16/99	
/	BH	DT	2602794A1			7/28/77	
/	BI	DT	2459531A1			7/1/76	
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Examiner Signature		Date Considered	7/30/04
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Sheet	1	of	1
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Application Number	09/805,824
Filing Date	March 13, 2001
First Named Inventor	Ng et. al.
Art Unit	2681
Examiner Name	Unassigned
Attorney Docket Number	020568-000700US

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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Complete if Known**Application Number**

09/805,824

Filing Date

March 13, 2001

First Named Inventor

Ng et. al.

Art Unit

2681

Examiner Name

Unassigned

Attorney Docket Number

020568-000700US

Sheet

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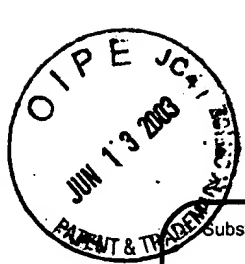
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Page 1 of 2

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		Number	Kind Code ² (if known)			
K.P.	AA	US-3,129,342		4/14/64	Kaenel	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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Page 2 of

NON PATENT LITERATURE DOCUMENTS

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